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In the United States Patent and Trademark Office

Serial No.: 10/507,140

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Filing Date: 19 September 2005

Title: ENCODED SELF-ASSEMBLING
CHEMICAL LIBRARIES (ESACHEL)

Art Unit: 1623

Applicant: NERI, Dario et al.

Atty docket No: PUS-E005-105B



INFORMATION DISCLOSURE STATEMENT

To: U.S. Patent and Trademark Office
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Dear Sir,

Pursuant to the provisions of 37 C.F.R. §1.97, Applicant encloses the references set forth in the attached modified form PTO/SB/O8A. No inference should be made that the cited references are in fact material, are in fact prior art, are analogous art, or that no better art exists. The cited patents are listed in numerical order and not in any order based on their pertinence.

It is requested that the Examiner fully consider the cited references and that they be cited on the front of any patent issuing from this application.

An early action on the merits is respectfully requested.

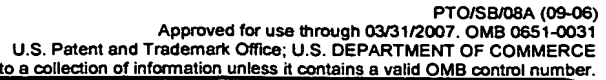
If the Examiner has further questions, he is invited to contact the undersigned at phone 011-4171 230 1000, fax at 011-4171 230 1001 or e-mail at sherman@patentinfo.net.

Respectfully submitted,

Date: 21 September 2006

Sherman D. PERNIA
U.S. Reg. No. 34,404

Enclosures: IDS form
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/507,140
Filing Date	19 September 2005
First Named Inventor	NERI, Dario
Art Unit	1623
Examiner Name	
Attorney Docket Number	PUS-E005-105B

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[illegible][illegible]Date
Considered

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Examiner Name			
Sheet 2 of 4	Attorney Docket Number PUS-E005-105B		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	MORGAN et al., Researches on Residual Affinity and Coordination. Part II. Acetylacetones of Selenium and Tellurium, J. Chem. Soc., 1920, p. 1456-65, Vol. 117	
	2	STROBEL et al., Single-site enzymatic cleavage of yeast genomic DNA mediated by triple helix formation, Nature, 1991, p. 172-74, Vol. 350	
	3	CULL et al., Screening for receptor ligands using large libraries of peptides linked to the C terminus of the lac repressor, Proc Natl Acad Sci USA, 1992, p. 1865-69, Vol. 89	
	4	BRENNER et al., Encoded combinatorial chemistry, Proc Natl Acad Sci USA, 1992, p. 5381-83, Vol. 89	
	5	DISTEFANO et al., Energetics of cooperative binding of oligonucleotides with discrete dimerization domains to DNA by triple helix formation, Proc Natl Acad Sci USA, 1993, p. 1179-83, Vol. 90	
	6	WINTER et al., Making antibodies by phage display technology, Annu. Rev. Immunol., 1994, p. 433-55, Vol. 12	
	7	NERI et al., High-affinity Antigen Binding by Chelating Recombinant Antibodies (CRABs), J. Mol. Biol., 1995, p. 367-73, Vol. 246	
	8	SHUKER et al., Discovering High-Affinity Ligands for Proteins: SAR by NMR, Science, 1996, p. 1531-34, Vol. 274	
	9	BODER et al., Yeast surface display for screening combinatorial polypeptide libraries, Nat. Biotechnol., 1997, p. 533-37, Vol. 15	

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		Application Number	10/507,140
		Filing Date	19 September 2005
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Sheet	3	of	4
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	10	PINI et al., Design and Use of a Phage Display Library. Human antibodies with subnanomolar affinity against a marker of angiogenesis eluted from a two-dimensional gel, J. Biol. Chem., 1998, p. 21769-76, Vol. 273	
	11	SCHAFFITZEL et al., Ribosome display: an in vitro method for selection and evolution of antibodies from libraries, J. Immunol. Methods, 1999, p. 119-35, Vol. 231	
	12	BOEHM et al., Structure-based library design: molecular modelling merges with combinatorial chemistry, Current Opinion in Chemical Biology, 2000, p. 283-86, Vol. 4	
	13	DREWS et al., Drug Discovery: A Historical Perspective, Science, 2000, p. 1960-64, Vol. 287	
	14	BRODY et al., Aptamers as therapeutic and diagnostic agents, J. Biotechnol., 2000, p. 5-13, Vol. 74	
	15	VITI et al., Design and Use of Phage Display Libraries for the Selection of Antibodies and Enzymes, Methods Enzymol., 2000, p. 480-505, Vol. 326	
	16	DESIDERIO et al., A Semi-synthetic Repertoire of Intrinsically Stable Antibody Fragments Derived from a Single-framework Scaffold, J. Mol. Biol., 2001, p. 603-15, Vol. 310	
	17	CHEN et al., Isolation of high-affinity ligand-binding proteins by periplasmic expression with cytometric screening (PECS), Nat. Biotechnol., 2001, p. 537-42, Vol. 19	
	18	GIOVANNONI et al., Isolation of anti-angiogenesis antibodies from a large combinatorial repertoire by colony filter screening, Nucleic Acids Res., 2001, p. 1-6, Vol. 29	

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	19	VARIOUS AUTHORS, Issue of Biopolymers, 2001, p. 121-227, Vol. 56	
	20	OTTO et al., Dynamic combinatorial chemistry, Drug Discov. Today, 2002, p. 117-25, Vol. 7	

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